

# UIUC

## (MEB 2045)

### *Touch Panel Instructions*

This document contains screen captures and descriptions for the AMX touch panel (“panel”) design for the “Mechanical Engineering Building Room 2045”.

#### Revision Notes

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- Rev0 (05/11/2020)
  - Original revision.

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# Welcome to Dept. Classroom 2045

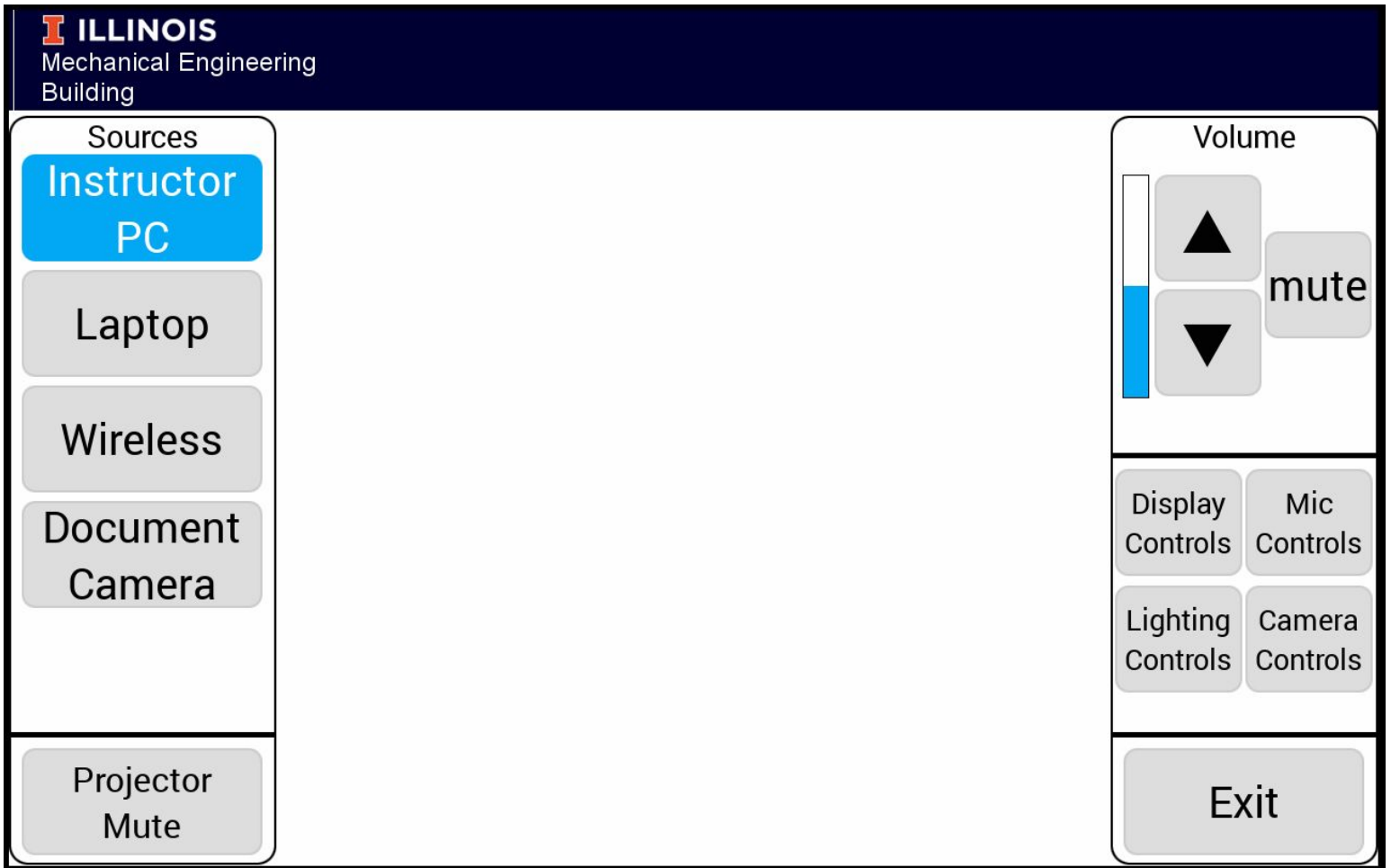
System  
On

This is the Logo page and is shown when the system is off. The user can start the system with a default source selection.

### **System Default**

By default, the "System On" will turn all displays on and select the "Instructor PC".

## Main



This is the Main page. There are source selections along the left (my room's sources) and a/v controls along the right.

### Misc Buttons

**Projector Mute** Toggle the video mute on the projectors.

## Source Selections

Any **source selection** will route the signal as:

- Video will be sent to:
  - monitor on the credenza
  - Both video projectors (*the projectors will turn on*)
  - Lecture capture unit's content input (*Input A*)
  - BlackMagic web presenter (*web conferencing*)
- Audio will be sent to:
  - Overhead speakers
  - Lecture capture unit's content input (*Input A*)
  - BlackMagic web presenter (*web conferencing*)
  - Assisted listening system

### Instructor PC (Exceptions)

Video routing: With the selection of Instructor PC, the room's camera will be sent to the BlackMagic web presenter for web conferencing. Any other source selection will send that source as content to the BlackMagic web presenter.

## System Off

**I ILLINOIS**  
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Cancel

### System Off?

Would you like to shutdown the system?

YES

NO

The user is always prompted to turn the system off.

**YES** With my own room, turn off my projectors, reset the audio/video, and return to the LOGO page.

**NO or CANCEL** Simply return to the previous page.

## System Off Delay

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Close

**System Off**

**Please wait, the system is turning off.**

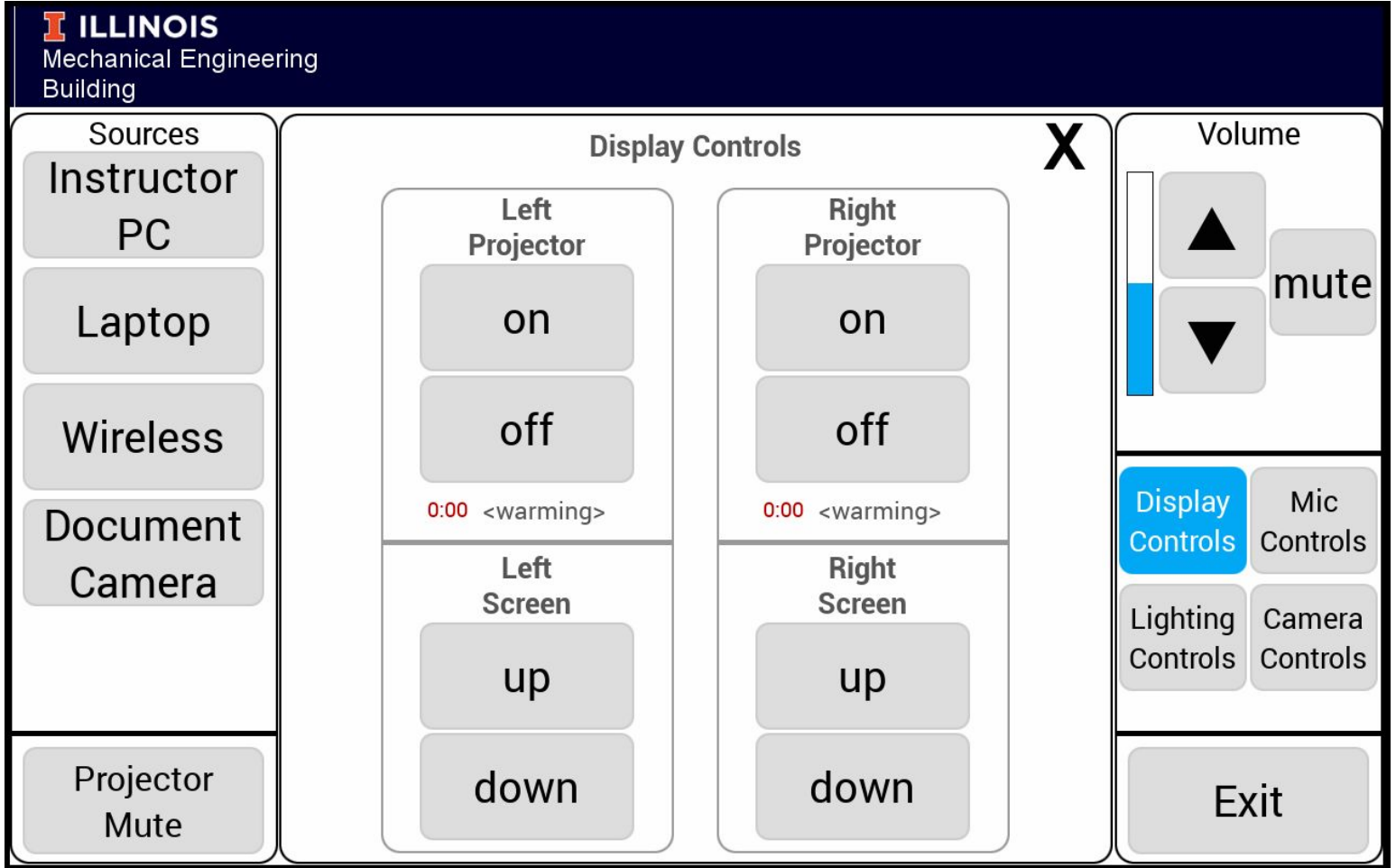
**0:00**

When the system is turned off, the user is prompted to wait while the equipment is turning off. This delay will generally be the time it takes for the displays to turn off and cool down.

**CLOSE** The user is able to close this warning, but the delays will continue.

## Additional Selections

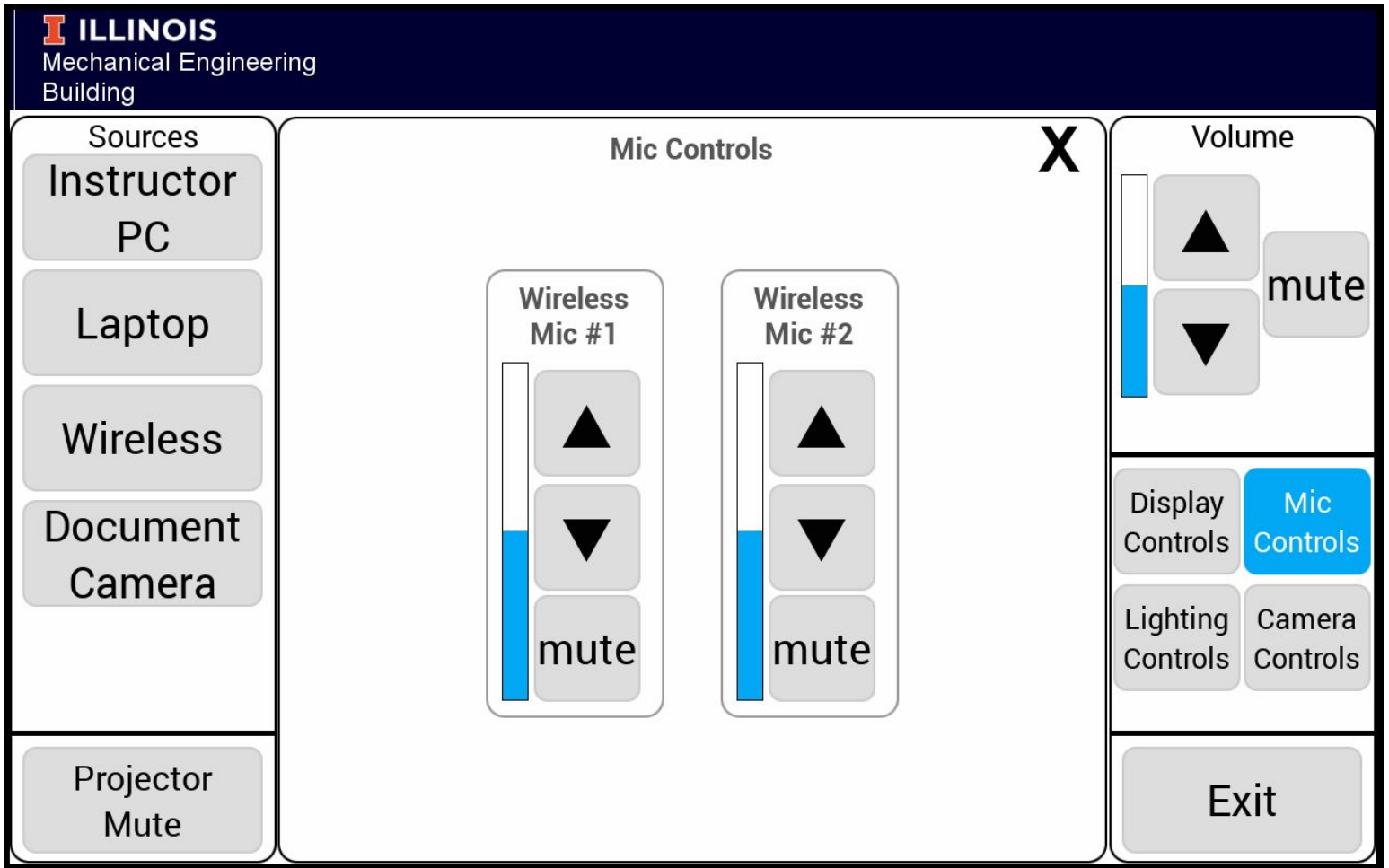
### Display Controls



The additional selection for display controls is a convenience in the event that a projector does not automatically turn on with a source selection.

The projector can take time to warm up and cool down. There are convenient timers provided to show this additional detail for each projector.

## Microphone Controls



The additional selection for microphone controls is provided so that the user can adjust the volume of the connected devices.

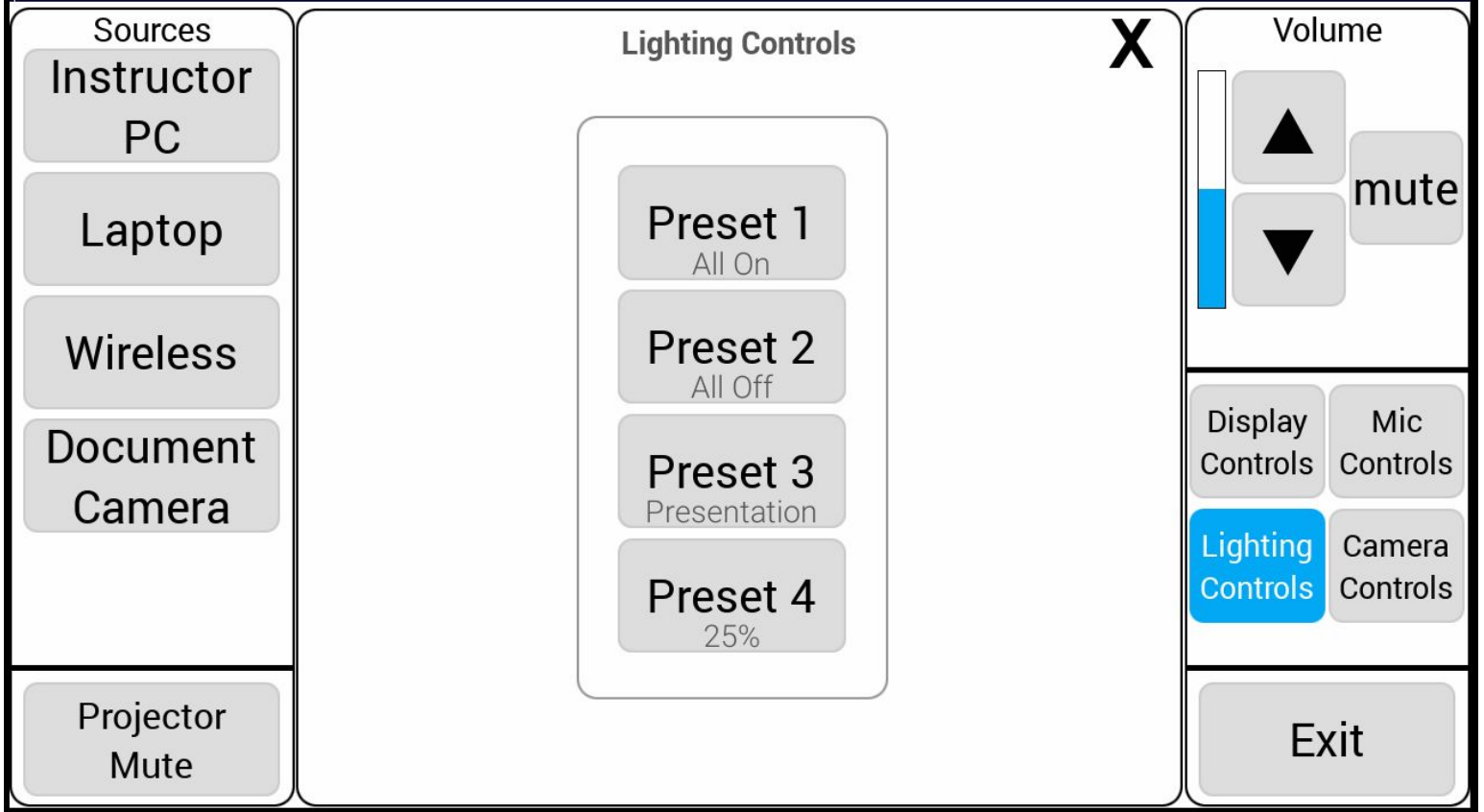
**Wireless Mic #1** Control the volume for the wireless microphone.

**Wireless Mic #2** Control the volume for the wireless microphone.



## Lighting Controls

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The image shows a UI mockup for a 'Lighting Controls' interface. It is divided into three main sections:

- Sources:** A vertical list of buttons on the left side, including 'Instructor PC', 'Laptop', 'Wireless', 'Document Camera', and 'Projector Mute'.
- Lighting Controls:** A central panel with a title and a close button (X). It contains four preset buttons: 'Preset 1 All On', 'Preset 2 All Off', 'Preset 3 Presentation', and 'Preset 4 25%'.
- Volume:** A section on the right with a volume slider, up/down arrow buttons, and a 'mute' button.

Below the Volume section, there are four control buttons: 'Display Controls', 'Mic Controls', 'Lighting Controls' (highlighted in blue), and 'Camera Controls'. At the bottom right is an 'Exit' button.

The additional selection for lighting controls is provided so that the user can change the lighting scenes in the room.

## Camera Controls

The screenshot shows a software interface for camera controls. At the top left, it displays the logo for the University of Illinois and the text 'Mechanical Engineering Building'. The main interface is divided into several panels. On the left, there is a 'Sources' panel with buttons for 'Instructor PC', 'Laptop', 'Wireless', 'Document Camera', and 'Projector Mute'. The central panel is titled 'Camera Controls' and contains a 'Camera Control' section with 'Rear Camera' (highlighted in blue) and 'Front Camera' buttons. Below this are 'Zoom' controls (up and down arrows) and 'Presets' (1, 2, 3, 4). On the right, there is a 'Volume' section with a slider and 'mute' button. Below that are 'Display Controls', 'Mic Controls', 'Lighting Controls', and 'Camera Controls' (highlighted in blue). At the bottom right is an 'Exit' button.

The "Lecture Capture" system uses the Extron SMP 352 and allows the user to configure the video being recorded during a classroom session. The user should consider simultaneous "Content" and "Camera" source selections that will be composited into a single layout for recording.

**Layout Preset** Toggle thru the various layouts defined below. *Note that we have limited the presets for your system to 5, 7, 9, and 10.*

**Swap** Swap the "Content" and "Camera" windows in the current layout.

**Selected Camera** Select the camera to be used for the BlackMagic web presenter.

**Camera Control** Control the rear camera.